Special Issue

Surface-Enhanced Raman Scattering (SERS) Spectroscopy as a Tool for Analytical and Bioanalytical Analyses

Message from the Guest Editor

SERS spectroscopy has evolved dramatically and is now a promising analytical tool in a variety of fields, such as biochemistry, food safety, medical diagnosis, and environmental monitoring, thanks to its extremely high sensitivity and ease of use. SERS sensors are developed with a focus on molecular selectivity and high enhancement factors for use in analytical and bioanalytical applications. Different fundamental techniques to molecular detection, including direct ("label-free") and (multiplexed) indirect approaches, have been extensively investigated in recent years and are used to target small molecules, proteins, nucleic acids, as well as exosomes, viruses, and microorganisms. Both review articles and original research papers are invited in, though not limited to, the following areas: food safety, drug monitoring, disease detection and characterisation using molecular markers, the detection and characterisation of viruses, and bacteria, both in vitro and in vivo, as well as pollutants, pesticides, and environmental pathogens.

Guest Editor

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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